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Under Secretary of Commerce For Intellectual Property and
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Washington, DC 20231
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NIXON & VANDERHYE P.C.
JEFFRY H. NELSON
1100 NORTH GLEBE ROAD
8TH FLOOR
ARLINGTON, VA 22201



101918964A

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 10/11/2001

REEL/FRAME: 012368/0669
NUMBER OF PAGES: 5

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

HEIKKILA, MARTTI

DOC DATE: 09/28/2001

ASSIGNOR:

KOVASIN, KARI

DOC DATE: 09/17/2001

ASSIGNOR:

ROBERG, KARL-ERIK

DOC DATE: 09/26/2001

ASSIGNOR:

TOUKONUMMI, OLAVI

DOC DATE: 09/26/2001

ASSIGNEE:

SULZER PUMPEN AG
ZURCHERSTRASSE 12
WINTERTHUR, SWITZERLAND CH-8401

SERIAL NUMBER: 09913331
PATENT NUMBER:

FILING DATE:
ISSUE DATE:

RECEIVED
DEC 13 2002
OFFICE OF PETITIONS

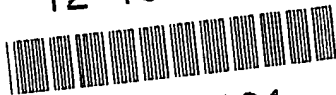
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MARCUS KIRK, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

Form PTO-1595
1-31-92

12-19-2001

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SHEET

Our Ref.: 3952-36

Commissioner of Patents and Trademark.
Box Assignment, Washington, D.C. 20231

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

<p>1. Name of conveying party(ies): <u>Martti HEIKKILÄ</u> <u>Kari KOVASIN</u> <u>Karl-Erik RÖBERG</u> <u>Olavi TOUKONUMMI</u></p> <p>Additional name/s of conveying party/ies attached? <input type="checkbox"/></p> <p>3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Assignment <input type="checkbox"/> Change of Name <input type="checkbox"/> Other _____</p> <p>Execution Date: <u>Sept. 28, 2001, Sept. 17, 2001, Sept. 26, 2001 and Sept. 26, 2001</u></p>	<p>2. Name and address of receiving party(ies):</p> <p>Name: <u>Sulzer Pumpen AG</u> Internal Address: _____ Street Address: <u>Zürcherstrasse 12</u> _____ _____ City: <u>Winterthur</u> State/Country: <u>Switzerland</u> Zip: <u>CH-8401</u></p> <p>Additional name/s & address/es attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
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4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: _____

A. Patent Application No(s).

(1) 09/913.331
(2)
(3)

B. Patent No(s).

(1)
(2)
(3)Additional numbers attached ☐ Yes ☒ No

09/913331

<p>5. Name and address of party to whom correspondence concerning document should be mailed:</p> <p>Name: <u>Jeffry H. Nelson</u></p> <p>Internal Address: _____</p> <p>Street Address: <u>Nixon & Vanderhye P.C.</u> <u>1100 North Glebe Road</u> <u>8th Floor</u> City: <u>Arlington</u> State: <u>VA</u> Zip: <u>22201</u></p>	<p>6. Total number of applications & patents involved: <u>1</u></p> <p>7. Total fee (37 CFR 3.41) \$ <u>40.00</u> <input checked="" type="checkbox"/> Enclosed <input type="checkbox"/> Authorized to be charged to deposit account #14-1140</p> <p>8. The Commissioner is hereby authorized to charge any deficiency in the fee(s) filed, or asserted to be filed, or which should have been filed herewith (or with any paper thereafter filed in this application by this firm) to our Account No. <u>14-1140</u>.</p>
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DO NOT USE THIS SPACE

9. Statements and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Jeffry H. Nelson
Name of Person Signing
Reg. No. 30,481

Jeffry H. Nelson
Signature

October 10, 2001
Date

Total number of pages including original cover sheet, attachments, and document: [5]

09/913331 00000073 141140 099103351

10/10/01

B

ASSIGNMENT

WHEREAS, Martti HEIKKILÄ, Kari KOVASIN, Karl-Erik RÖBERG, and Olavi TOUKONUMMI (hereinafter ASSIGNORS) of Haavurintie 3, Märynummi, Finland FIN-25250; Kettutie 20, Rauma, Finland FIN-26200; Venemestarinkatu 31 C11, Salo, Finland FIN-24240 ; and Turuntie 1153 Hajala Finland FIN-25240, respectively, have invented a certain improvement in METHOD AND APPARATUS FOR TREATING PULP for which a so-entitled U.S. national phase of PCT/FI00/00067 application for Letters Patent of the United States is being concurrently executed herewith or was filed in the United States Patent and Trademark Office on _____ under Serial No. _____ ;

WHEREAS, Sulzer Pumpen AG (hereinafter ASSIGNEE), a corporation of Switzerland, having an office and place of business at Zürcherstrasse 12, Winterthur, Switzerland CH-8401 is desirous of acquiring an interest therein;

NOW, THEREFORE, in consideration of Ten Dollars (\$10.00) and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the said ASSIGNORS by these presents hereby sell, assign, and transfer unto the said ASSIGNEE, its successors, assigns, and legal representatives, the full and exclusive right to the said invention in the United States and all foreign countries, as described in the aforesaid application, together with the right of priority under the International Convention for the Protection of Industrial Property, Inter-American Convention Relating to Patents, Designs and Industrial Models, and any other international agreements to which the United States of America adheres, and hereby authorizes and requests the Commissioner of Patents and Trademarks to issue said Letters Patent to ASSIGNEE, for its interest as ASSIGNEE, for the sole use and behoof of ASSIGNEE, its successors, assigns, and legal representatives. It is understood and agreed that ASSIGNEE'S attorneys, Nixon & Vanderhye P.C., have represented only ASSIGNEE and will continue to represent only ASSIGNEE with respect to this invention.

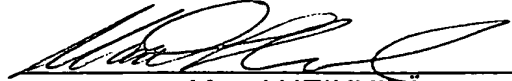
And, ASSIGNORS hereby agree to transfer a like interest upon request of said ASSIGNEE, its successors, assigns, and legal representatives, and without further remuneration, in and to any improvements, and applications for patents based thereon, growing out of or related to the said invention; and to execute any papers by ASSIGNEE, its successors, assigns, and legal representatives, deemed essential to ASSIGNEE'S full protection and title in and to the invention hereby transferred.

Agreeing, further, upon request of ASSIGNEE, and without further remuneration, to execute any and all papers desired by ASSIGNEE, for the filing and granting of foreign applications and the perfecting of title thereto in ASSIGNEE.

AGREED and executed as noted below:

Sept. 28, 2001

Date



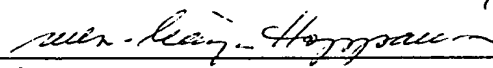
Martti HEIKKILÄ

Witnessed by:

MIIA-MARJA HOPPANIA

Name:

Sept. 28, 2001



Date:

Date

Kari KOVASIN

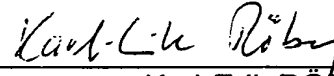
Witnessed by:

Name:

Sept. 26, 2001

Date

Date:



Karl-Erik RÖBERG

Witnessed by:

Kaia Virtanen

Name:

Sept. 26, 2001

Date:



Olavi TOUKONUMMI

Witnessed by:

Katariina Miettinen

Name:

Sept. 26, 2001

Date:

ASSIGNMENT

WHEREAS, Martti HEIKKILÄ, Kari KOVASIN, Karl-Erik RÖBERG, and Olavi TOUKONUMMI (hereinafter ASSIGNORS) of Haavurintie 3, Märynummi, Finland FIN-25250; Kettutie 20, Rauma, Finland FIN-26200; Venemestarinkatu 31 C11, Salo, Finland FIN-24240 ; and Turuntie 1153 Hajala Finland FIN-25240, respectively, have invented a certain improvement in METHOD AND APPARATUS FOR TREATING PULP for which a so-entitled U.S. national phase of PCT/FI00/00067 application for Letters Patent of the United States is being concurrently executed herewith or was filed in the United States Patent and Trademark Office on _____ under Serial No. _____ ;

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NOW, THEREFORE, in consideration of Ten Dollars (\$10.00) and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the said ASSIGNORS by these presents hereby sell, assign, and transfer unto the said ASSIGNEE, its successors, assigns, and legal representatives, the full and exclusive right to the said invention in the United States and all foreign countries, as described in the aforesaid application, together with the right of priority under the International Convention for the Protection of Industrial Property, Inter-American Convention Relating to Patents, Designs and Industrial Models, and any other international agreements to which the United States of America adheres, and hereby authorizes and requests the Commissioner of Patents and Trademarks to issue said Letters Patent to ASSIGNEE, for its interest as ASSIGNEE, for the sole use and behoof of ASSIGNEE, its successors, assigns, and legal representatives. It is understood and agreed that ASSIGNEE'S attorneys, Nixon & Vanderhye P.C., have represented only ASSIGNEE and will continue to represent only ASSIGNEE with respect to this invention.

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AGREED and executed as noted below:

Date

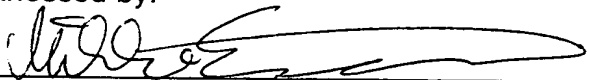
Witnessed by:

Name:

17.9.2001

Date

Witnessed by:



Name: MIKKO SAINIO

Martti HEIKKILÄ

Date:



Kari KOVASIN

17.9.2001

Date:

Date

Witnessed by:

Name:

Karl-Erik RÖBERG

Date:

Date

Witnessed by:

Name:

Olavi TOUKONUMMI

Date: